

**Nebraska Cancer and Smoking
Disease Research Program**



DEPT. OF HEALTH AND HUMAN SERVICES

Fiscal Year 2019-20 Competitively Awarded Grants

PRINCIPAL INVESTIGATOR	CAMPUS	PROJECT TITLE
Donald Becker, PhD	UNL	Novel metabolic inhibitors for cancer drug therapy and research
Tadayoshi Bessho, PhD	UNMC	MUC1-induced Imbalance in DSB Repair as a Therapeutic Target in Pancreatic Cancer
Kishore Challagundla, PhD	UNMC	Exosomic PD-L1 protein and therapy resistance in neuroblastoma
Pi-Wan Cheng, PhD	UNMC	Altered O-glycans on prostate-specific antigen in advanced prostate cancer
Sarah Holstein, MD, PhD	UNMC	Geranylgeranyl diphosphate synthase inhibitor therapy for multiple myeloma
R. Katherine Hyde, PhD	UNMC	Investigation of mechanisms regulating leukemia cell survival
Jaekwon Lee, DVM, PhD	UNL	Copper ions in cell proliferation and colorectal cancer
Robert Lewis, PhD	UNMC	Molecular Regulation of Tumor Propagating Cells in Small-Cell Lung Carcinoma
Ram Mahato, PhD	UNMC	Targeted polymeric micelles for the treatment of metastatic melanoma
Naava Naslavsky, PhD	UNMC	Repurposing screens for drugs to enhance antibody-dependent cancer treatment
David Oupicky, PhD	UNMC	Development of inhalation therapy to treat lung cancer
Gurudutt Pendyala, PhD	UNMC	Nicotine addiction and sex differences: Role of extracellular vesicles
Angie Rizzino, PhD	UNMC	SOX2 Regulation of Prostate Cancer Cell Proliferation
Polina Shcherbakova, PhD	UNMC	Recurrent Cancer-predisposing Mutations in the Human Germline
Saraswathi Viswanathan, PhD	UNMC	Altered Amino Acid Metabolism: A Novel Therapeutic Target for Pancreatic Cancer